

Title (en)

Safety cutoff device, particularly for vehicles

Title (de)

Sicherheits-Abschaltgerät, insbesondere für Fahrzeuge

Title (fr)

Dispositif coupe-circuit de sécurité, notamment pour véhicules

Publication

**EP 0645275 B1 19981125 (FR)**

Application

**EP 94450006 A 19940919**

Priority

US 12293893 A 19930920

Abstract (en)

[origin: EP0645275A2] The present invention relates to a safety cut-off device especially for a vehicle with a circuit breaker (10) interposed on the electric circuit immediately downstream of the energy storage means, comprising a ball (17) made of an electrically conducting material located between a first ball-support element and a second ball-support element, these both also being made of conducting material, pressed towards each other by elastic return elements so as to make contact, the said ball being capable of escaping from the ball-support elements under the effect of substantial deceleration resulting from an impact so as to cut off the power supply to the functional members, and this circuit breaker is characterised in that it comprises a main electrical safety circuit (83, 84) connected to the complementary safety members or refinements with at least one contactor interposed between this electrical safety circuit and at least the first ball-support element which is connected to the means for storing the electricity produced, this contactor being triggered by the movements, at least, of this first ball-support element. <IMAGE>

IPC 1-7

**B60K 28/14**; **H01H 35/14**

IPC 8 full level

**A62B 99/00** (2009.01); **B60K 28/14** (2006.01); **B60R 21/01** (2006.01); **H01H 35/14** (2006.01); **B60R 16/02** (2006.01); **B60R 16/03** (2006.01); **E05F 15/20** (2006.01)

CPC (source: EP US)

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Cited by

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